

Title (en)

Use of coated catalysts for the hydrogenation of maleic anhydride to tetrahydrofuran and gammabutyrolactone.

Title (de)

Verwendung von beschichteten Katalysatoren zur Hydrierung von Maleinsäureanhydrid zu Tetrahydrofuran und Gammabutyrolacton.

Title (fr)

Utilisation de catalyseurs revêtus dans l'hydrogénation de l'anhydride maléique en tétrahydrofuranne et gamma-butyrolactone.

Publication

EP 0404408 A1 19901227 (EN)

Application

EP 90306303 A 19900608

Priority

US 37049289 A 19890623

Abstract (en)

Tetrahydrofuran and gamma-butyrolactone are prepared from at least one of maleic anhydride or succinic anhydride by catalytically hydrogenating vaporous maleic anhydride or vaporous succinic anhydride in the presence of hydrogen in contact with a catalyst comprising an essentially inert, at least partially porous support having an outer surface, and a catalytically active oxide material coating onto the outer surface of the support which strongly adheres to the support, wherein the catalytically active oxide material comprises the mixed oxides of copper, zinc and aluminum.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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DOCDB simple family (application)

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